

MARITIME DISCUSSION NIGHT



Maritime Discussion Night
**AUTONOMOUS
SHIPPING**

Details

Contact

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Date

Thursday 20 May 2021

Time

17:00-18:30

Location

Online/Zoom

Event Description

After a great first event last year, on the 20th of May 2021 the second “Maritime Discussion Night” will take place. The Maritime Discussion Night is an event that offers approximately 30 Maritime Master Students the opportunity to actively participate in a debate and a discussion about autonomous shipping in order to learn about the different viewpoints and to dive into the changes that we will face as future engineers.

Why

Autonomous shipping on a large scale is getting closer and closer. Many companies and institutes are researching, developing and testing autonomous and remotely controlled ships. As the TU Delft focusses mainly on the technical side of developments and the road to autonomous ships has many more aspects, it is a very good topic to discuss during this second “Maritime Discussion Night”. By means of this Discussion Night we hope to deepen out this topic and to open our eyes for the broadness of autonomous shipping. The goal of the event is to get an active discussion started among the students about this topic, and to introduce to this discussion not only the technical aspects, but to widen the insight to policy making as well as to economic aspects.

Panel

For this panel we invite a variety of experts with either direct expertise on this subject or extensive knowledge in the field of the different aspects. With this mixed panel we hope to provide the students with a broad and knowledgeable expert panel and by that an evening of fruitful discussions!

Moderator
Researcher in the field of autonomous shipping
Former Master/Captain at Maersk shipping
Lawyer

Robbert Hekkenberg
Egbert Ypma
Wim Postma
Jitteke Blussé van Oud-Alblas



Discussion

The discussion is separated by topics to be able to focus attention on separate subjects while also listening to the opinion of panel members who are experts in other fields. The discussion is separated into two parts. After the moderated panel discussion, the students will be divided into three different breakout rooms. Each breakout room is joined by a panel member who will moderate the discussion about the questions that arise during the panel.

- Technical aspects
 - Is it technically feasible to develop fully autonomous vessels with today's technology?
 - What are the levels of autonomy for commercial marine operations?
 - How will manned ships communicate with autonomous ships w.r.t. navigation?
- Legislation aspect
 - Is the current regulation ready for partial/fully autonomous vessels?
 - In the case there are still a handful of people on board, what is the minimum safe manning from a humane point of view?
 - Apart from the navigation at sea, how are ports coping with autonomous ships?
 - How will the liability between two collided ships (autonomous and non-autonomous) be divided?
- Economical aspect
 - Do the economical benefits outweigh the risk that comes along with autonomous vessels?
 - Is it fair to ask more insurance money for autonomous ships?
 - How big do you expect the economical shift will be when employees working on ships will start working on shore ?
- General questions
 - Will autonomous ships increase social sustainability by increasing safety, more shore based jobs and reducing for instance, fatigue ?
 - When will the industry start seeing autonomous vessels and ships as standard fare?

During the breakout sessions active participation will be motivated with presents which is granted to the most active participant of the given breakout room. This will either be done by asking the panel members to select the person who made the most contribution to the discussion or by the group, through a vote to select the most active member.